

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| S1 | 137 | 73/61.53.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 09:45 |
| S2 | 472 | 73/61.52.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 09:45 |
| S3 | 453 | S2 not S1 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 10:11 |
| S4 | 15958 | (column seperator chromatograph) with (packing) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 11:54 |
| S5 | 4982 | (column seperator chromatograph) with (packing) with (wire fiber material Zylon) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 11:54 |
| S6 | 406 | (column seperator chromatograph) with (packing) with (wire fiber Zylon) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 11:54 |
| S7 | 1 | "6780314".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 10:25 |
| S8 | 24 | ("4077906" "4225442" "4375163" "4455187" "4483773" "4657742" "4834877" "4891137" "4957620" "5160627" "5286449" "5482773" "5578204" "5683916" "5691206" "5702610" "5702616" "5868936" "5954962" "6022478" "6214232" "6270674" "6475340" "6492183").PN. OR ("6780314").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 10:25 |
| S9 | 3 | (column seperator chromatograph) with (packing) with (wire fiber Zylon) and (chromatograph).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 10:38 |
| S10 | 18 | (column seperator chromatograph) with (packing) with (wire fiber Zylon) and (chromatograph or chromatography).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 10:38 |

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| S11 | 6 | ("3947532" "4255171").PN. OR ("5234741").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 11:47 |
| S12 | 5 | ("4798081" "3492794" "3225529").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 11:48 |
| S13 | 5 | ("4798081" "3492794" "3225529").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 11:48 |
| S14 | 5 | ("4798081" "3492794" "3225520").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 11:50 |
| S15 | 69 | temperature near2 rising near2 elution near2 fraction | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 13:00 |
| S16 | 6 | analytical near2 temperature near2 rising near2 elution near2 fraction | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 11:51 |
| S17 | 0 | S15 not S16 and (column chromatography seperator) with (packing) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 11:54 |
| S18 | 0 | S15 not S16 and (column chromatography separator) with (packing) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 11:54 |
| S19 | 17575 | (column separator chromatograph) with (packing) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 11:54 |
| S20 | 488 | (column separator chromatograph) with (packing) with (wire fiber Zylon) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 11:54 |
| S21 | 488 | (column separator chromatograph) with (packing) with (wire fiber Zylon) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 11:54 |
| S22 | 5469 | (column separator chromatograph) with (packing) with (wire fiber material Zylon) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 13:39 |
| S23 | 591 | (73/53.01).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/06/23 11:56 |
| S25 | 369 | (73/61.43).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/06/23 11:57 |

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| S26 | 80 | (temperature near2 rising near2 elution near2 fraction) or TREF and (packing or stationary) with (steel wire mesh fiber) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 13:02 |
| S27 | 78 | (temperature near2 rising near2 elution near2 fraction) or TREF and (packing or stationary) with (steel wire mesh fiber) and (chromatograph chromatography column separator) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 13:28 |
| S28 | 9 | ((temperature near2 rising near2 elution near2 fraction) or TREF) and (packing or stationary) with (steel wire mesh fiber) and (chromatograph chromatography column separator) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 13:29 |
| S29 | 6185 | (column separator chromatograph) with (packing) with (wire fiber material Zylon steel mesh) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 13:39 |
| S30 | 24 | (ATREF TREF) and (packing) with (wire fiber material Zylon steel mesh) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 14:04 |
| S31 | 88 | (ATREF TREF) and (packing shot stationary near2 phase) with (wire fiber material Zylon steel mesh) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 14:05 |
| S32 | 86 | S31 not S20 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 14:05 |
| S33 | 64 | S31 not S30 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 14:05 |
| S34 | 132 | (ATREF TREF) and (pellet packing shot stationary near2 phase) with (wire fiber material Zylon steel mesh) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 14:05 |
| S35 | 108 | (ATREF TREF) and (pellet packing shot stationary near2 phase) with (wire fiber material Zylon steel mesh) not S30 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 14:23 |
| S36 | 0 | (ATREF TREF) and (packing stationary near2 phase) with (shot pellet wire fiber material Zylon steel mesh) not S34 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 14:38 |

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|-----|-------|--|---|----|----|------------------|
| S37 | 25 | S6 and (stainless near2 steel near2 wire near4 mesh) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 15:16 |
| S38 | 0 | Chromosob adj P | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 15:17 |
| S39 | 253 | Chromosorb adj P | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 15:17 |
| S40 | 41 | (Chromosorb adj P) near (wire mesh fiber) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/23 15:18 |
| S41 | 18 | (US-20050271545-\$ or US-20050023221-\$ or US-20020050470-\$ or US-20050245686-\$ or US-20020061982-\$).did. or (US-4657742-\$ or US-4483773-\$ or US-6780314-\$ or US-5532389-\$ or US-5234741-\$ or US-5683493-\$ or US-3947532-\$ or US-5194231-\$ or US-3492794-\$ or US-6469103-\$ or US-5030713-\$).did. or (US-3230167-\$ or US-3340085-\$). did. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 17:06 |
| S42 | 11875 | (stainless near5 steel near5 mesh) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 17:07 |
| S43 | 1590 | (stainless near5 steel near5 mesh) and (column separator chromatograph) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 17:07 |
| S44 | 143 | (stainless near5 steel near5 mesh) near8 ((mm cm) and length diameter radius) and (column separator chromatograph) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 17:08 |
| S45 | 385 | (stainless near5 steel near5 mesh) near8 ((mm cm) and length diameter radius) and (column separator chromatograph) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 17:08 |

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| S46 | 18 | (US-20050271545-\$ or US-20050023221-\$ or US-20020050470-\$ or US-20050245686-\$ or US-20020061982-\$).did. or (US-4657742-\$ or US-4483773-\$ or US-6780314-\$ or US-5532389-\$ or US-5234741-\$ or US-5683493-\$ or US-3947532-\$ or US-5194231-\$ or US-3492794-\$ or US-6469103-\$ or US-5030713-\$).did. or (US-3230167-\$ or US-3340085-\$). did. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 19:32 |
| S47 | 1 | S46 and DRI | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/23 19:33 |
| S48 | 2 | ATREF and DRI | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 10:13 |
| S49 | 82 | ATREF and (cooling cooled) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 10:18 |
| S50 | 1 | ATREF same(cooling cooled) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 10:15 |
| S51 | 740 | TREF and (cooling cooled) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 10:18 |
| S52 | 1231417 | TREF sa,e (cooling cooled) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 10:18 |
| S53 | 151 | TREF same (cooling cooled) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 10:58 |
| S54 | 0 | TREF same (heating heat) near5 reate | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 10:58 |
| S55 | 52 | TREF same (heating heat) near5 rate | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 11:04 |
| S56 | 1 | ATREF same (heating heat) near5 rate | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 10:58 |
| S57 | 1 | "6770355".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 11:33 |
| S58 | 0 | wire adj3 mesh near6 chromosorb | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 11:34 |

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| S59 | 0 | wire adj3 mesh near6 chromosorp | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 11:34 |
| S60 | 0 | wire adj3 mesh with chromosorp | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 11:34 |
| S61 | 0 | wire adj3 mesh with chromosorb | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 11:34 |
| S62 | 602 | mesh same chromosorb | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 11:34 |
| S63 | 1 | wire near2 mesh same chromosorb | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 11:58 |
| S64 | 25 | steel near3 mesh same column same dimension | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 11:58 |
| S65 | 43 | steel near3 mesh same (column separator chromatograph) same dimension | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 12:01 |
| S66 | 986 | (steel near4 mesh) with (packing support shot) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 12:02 |
| S67 | 28 | (steel near4 mesh) with (packing support shot) and (chromatograph) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 12:13 |
| S69 | 35 | (steel near4 mesh) with (packing support sho bed) and (chromatograph) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 12:13 |
| S70 | 8 | S69 not S67 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 12:14 |
| S71 | 2 | seel near5 gauze | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 12:15 |
| S72 | 800 | steel near5 gauze | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 12:15 |
| S73 | 82 | steel near5 gauze with (bed packing column seperator chromatograph extractor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/24 12:16 |